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Attorney's Docket No.: H00498/70168 TJO  
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

4/15/03

Applicant: Olivier J.A. Schueller et al.  
Serial No.: 10/003,033  
Conf. No. 2182  
Filed: November 1, 2001  
For: OPTICAL MODULATOR/DETECTOR BASED ON RECONFIGURABLE  
DIFFRACTION GRATING  
Art Unit: 2878

**CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)**

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to Commissioner for Patents, Washington, D.C. 20231, on the 12 day of June 2002.

Karen M. Angelo  
Signature

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Commissioner for Patents  
Washington, D.C. 20231-0001

**SECOND PRELIMINARY AMENDMENT**

Sir:

Prior to calculating the filing fee in the above-identified application, please amend the application as follows:

**IN THE CLAIMS**

Please cancel claims 97 and 98 without prejudice.

Please rewrite claims 4-7, 9, 15, 18, 22, 24, and 28 as follows.

4. (Amended) A method as in claim 1, wherein at least one of the first and second samples is two-dimensionally variant.
5. (Amended) A method as in claim 1, wherein the separate portions of the first sample are isolated from each other, and the separate portions of the second sample are isolated from each other.
6. (Amended) A method as in claim 1, wherein the separate portions of the first sample are exposed to electromagnetic radiation without exposing any portion of the first sample between